

ABSTRACT OF THE DISCLOSURE

A data transmission method in a communication system including transmitting at least one capacity request message from a subscriber station, granting capacity subscriber station-specific by a base station, transmitting at least one capacity grant message from the base station, allocating granted capacity connection-specific by the subscriber station, transmitting from the subscriber station at least one message, which includes information on previous capacity requests, transmitting data from the subscriber station according to capacity allocation, monitoring by the base station request messages, capacity grant messages and received transmissions.